



The Raleigh Amateur Radio Society's **EXCITER**

GET INVOLVED

- RARS General Membership meeting: Second Tuesday of the month.
- The RARS net meets every night except Saturday @ 8 p.m. on 146.640.
- The RARS Technical & Trader's net: Saturdays @ 8:00 p.m. in place of the RARS net.
- RARS meets for a monthly dinner on the First Tuesday of each month.

VE Testing will be held at 5:30 PM before the meeting. See page 3 for more information.

2015 PUBLIC SERVICE EVENTS

Interested in helping? Visit <http://www.rars.org/public-service.php>

frequently for our 2015 ham public service schedule.

RARS General Meeting

Topic: "How Antennas Radiate" by Dan, WY3O

Date: February 10, 2015

Time: Meeting at 7:30 p.m.

Informal gathering and refreshments from 7 - 7:30 p.m.

Where: Ridge Road Baptist Church. 2011 Ridge Rd., Raleigh

New Ham Meeting/Elmer Group: The meeting starts 6:00 before the member meeting. Got something you need help with or feel you can help other hams, come to the meeting.

President's Message

It was unfortunate that we could not meet for our January meeting because of inclement weather. However, the event did bring out some weaknesses that we have in the process of notifying our members of meeting cancellations. I gave mixed messages as we got word of changing circumstances. I apologize and at the same time would like to use this as an opportunity to standardize how members are informed of the status of meetings during questionable times. The website, repeaters, and membership e-mail lists do provide us with some opportunities to clarify the meeting status. The Board will discuss the procedures that we need to put in place and will inform the members so there will be made clearer how and when we will communicate status. It may be possible that this procedure can be generalized to other situations as well. We invite your comments and suggestions.

Continued on page 4

RARS Officers

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The Raleigh Amateur Radio Society

The Raleigh Amateur Radio Society, Inc. (RARS) was founded in 1969 and continues to serve and support the amateur radio community in the greater Triangle area. In 1999, the society incorporated a new RARS and obtained 501(c)(3) non-profit tax status.

The objectives of the club are to promote worldwide friendship through amateur radio; to be of public service by providing radio communications in times of disaster, emergency, or civic needs; to educate members in radio technique, and to provide training classes to assist in obtaining amateur radio licenses.

Anyone interested in amateur radio is eligible to apply for membership. Dues for regular licensed amateurs are \$18 per year (from July 1 through June 30). Additional immediate family members pay \$5 each per year. Dues for licensed amateurs older than 59 or younger than 16 are \$12 per year. Dues for non-licensed associate members are \$9 per year. Applications for membership may be obtained from the treasurer or on the RARS website (www.rars.org).

Exciter

The Exciter is the official newsletter of the Raleigh Amateur Radio Society. It appears each month as a PDF on the RARS website at www.rars.org. Members receive email notification when the latest version is available. Please provide your email address to the Treasurer.

The Exciter welcomes articles, advertisements, and other contributions. To submit a piece to the newsletter, please contact the Editor. The Editor reserves the right to edit any and all pieces. The submission deadline for each month's Exciter is the third Friday of the preceding month. All submissions must be final. Drafts are not accepted.

The views expressed in the Exciter are those of the individual authors and do not necessarily reflect the views of the Editor or RARS.

Tom Lewis, N4TL, editor (editor@rars.org)

For Your Information

RARS General Meeting

Date: Second Tuesday of each month

Location: Ridge Road Baptist Church 2011
Ridge Road Raleigh, NC, 27607

Time: People begin arriving at 7 p.m. The
meeting officially begins at 7:30 p.m.

RARS Monthly Dinner

Join us on the first Tuesday of each month
for the RARS dinner. It's open to everyone:
RARS members, non- members, friends, and
family. Feel free to bring your little ones!
Dinner begins at 6:30 p.m.

Listen to the nightly RARS net and check
www.rars.org for details on the next dinner's
location.

RARS Repeaters in Raleigh

146.640 & 443.625 (88.5 PL)

Join us for the nightly RARS net at 8 p.m.
on the 146.640 repeater. All hams holding a
Technician class license or higher are invited
to check in. We welcome both RARS and non-
RARS members to the net.

VE Testing

The RARS VEs will accept walk-in testing in
February, May, August and November at
5:30PM, prior to RARS membership meetings
at Ridge Road Baptist Church; the RARSFest
in April; the Cary Swapfest in July; the
JARSFest in November; and following RARS
license classes. Please bring a photo ID, your
original and a copy of your current license,
your \$14 exam fee, and any valid CSCEs that
prove passing elements beyond that of your
current license. Visit www.rars.org for more
information.

New RARS Members

Frank Clendening II	KI4HFZ
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February Birthdays

Sue	W2GHK	02/02
Selene	KG4RMT	02/03
LOS	AF0AA	02/03
Lillian	KC4AYH	02/04
Grady	KJ4RZU	02/05
Larry	N4LEW	02/07
Howard	N4CYQ	02/09
Dennis	AJ4HK	02/13
Tom	N4TL	02/13
Dave	KK4ELT	02/16
Dick	WW4NC	02/16
Jim	KB2IYS	02/16
Don	NJ2E	02/18
Howard	N4KYW	02/19
Roger	AK4RS	02/20
Jim	WH6JQ	02/20
Joe	N1LVN	02/21
Steve	KE4COB	02/22
Charlie	WA3UTC	02/24
Joe	W4TTO	02/25
Bob	WX4MMM	02/26
Hans	W2UF	02/27
Mary	KG4OQA	02/28

Our presenter at the February meeting is, Dan Stancil, WY3O, and is one of our own members and is distinguished as being the Head of the Electrical and Computer Science Department at NCSU. The topic seems relatively elementary and at the same time fairly complex but, should be something that we all know as amateur radio operators. Please come and enjoy and learn from his presentation since this topic is elementary to what we do.

RARSfest is quickly approaching – April 4. This is a huge endeavor of our club to provide an opportunity for operators in North Carolina and other states to gather, buy equipment and commensurate with other hams. This is also important to the financial state of our club so that we can meet our goals. Your help important to the success of this endeavor. Ordinarily, this means just an hour or two of your time and should not distract from your enjoyment of the event. There are a number of positions that need to be filled and it would relieve the anxiety of our group leaders if members would come forward to give a hand.

Charles Good, KM4AMT, is serving as our Scouting Coordinator. This is a serious effort on the part of our club to engage future generations in Amateur Radio. Most of us had someone who has been influential in introducing us to and helping us with Amateur Radio. This is an opportunity for our club members to let boys and girls know about and become

interested in amateur radio. Many people that I meet think amateur radio is dead and gone and then are surprised to hear it is alive and well and progressing. It is only through our involvement with youth to inform our “digital” generation of the relevance of Amateur Radio. We need members to come forward to serve as Merit Badge Counselors and others who will be do presentations to troops and camporees. We will also serve as a means for younger generation to experience electronics and communications as part of the science, technology, engineering and math (STEM) effort.

See you at the meeting. Don't forget your badge.

Amateur Radio, pass it on.
Murray, K4MHM

Technician Course

The next Technician course will begin Feb. 21 and will follow with three sessions after that. We encourage you to let others know about this course and to e-mail me at: k4mhm@arrl.net to preregister or for more information.

Speaking and Teaching Opportunities for RARS Members

By Charles Good

RARS Scouting Coordinator

The local Boy Scouts of America (BSA) council is called Occonechee Council. It consists of 10 districts located in the following counties: Chatham, Cumberland, Durham, Franklin, Granville, Harnett, Lee, Moore, Orange, Vance, Wake¹ and Warren. Each district has approximately 25 Cub Scout Packs, 25 Boy Scout Troops and 1-3 Teams, Crews or Ships. The following table shows the ages of these different mainstream Scouting programs.

Program Name	Unit Type	Duration	Age Range
Tiger Cubs	Pack	1-year program	First Graders (age 7)
Cub Scouts (Wolf & Bear)		2-year program	Second and Third Grades (ages 8 to 9)
Webelos Scouts		2-year program	Fourth and Fifth Grades (ages 10 to 11)
Boy Scouts	Troop	No set term	Ages 11 to 18
Varsity Scouts	Team	No set term	Ages 13 to 18
Venturing or Sea Scouts Coed program	Crew or Ship	No set term	Ages 14 to 18

¹ Wake County encompasses 3 of these districts.

Continued on the next page

In the December 2014 issue of the ***RARS Exciter***, we included a story entitled, “RARS Exhibits at University of Scouting.” During that November 1 event, we circulated business cards to over 350 adult leaders (Scouters) in an effort to identify any Scout units that might like to have ham radio presentations or assistance on radio-related merit badges or the annual Jamboree On The Air (JOTA). We have started to receive some requests:

- A northwest Raleigh Boy Scout unit is interested in radio merit badge assistance.
- An Orange County District is interested in radio related learning stations at their 2-day Cub Scout Summer Day Camp.
- A Wake County District is interested in having a 45-minute presentation/demonstration on amateur radio to adult leaders (Scouters) during one of their monthly Roundtables.



So, we now need to determine the RARS members who would like to be involved in sharing amateur radio with local youth and helping to support Scouting. If you are, please contact our RARS Scouting Coordinator, [Charles Good](#)

We Need You!

Future RARS 2015 Meeting Topics

March 10, Awards, RARS Birthday Party, RARSfest Update.

April 14, The Elecraft KX3 Transceiver. Bert Michaud, N4CW

May 12, What is EMC and Why It Is Important for Radio Operators Jay Diepenbrock (KM4EP) with input from Dr. Bruce Archambeault

June 9, Field Day update.

Titles, topics, and speakers subject to change.

You can help Scouts advance with radio!

By Charles Good

RARS Scouting Coordinator

Boy Scouts (ages 11 to 18) belong to a Boy Scout Troop and advance through the various Scouting ranks by satisfying various rank-specific requirements. They begin with the Scout badge, then Tenderfoot Scout rank, Second Class Scout rank, First Class Scout rank, Star Scout rank, Life Scout rank, and Eagle Scout. The first year goal of a Scout is to complete Scout, Tenderfoot, Second Class and First Class requirements. By the time a Scout is working on his Star rank, he is also working on merit badges. The following table shows how many merit badges are required for the upper ranks.

Rank	Merit Badges to Earn	To Include From Eagle Requirements List	Total Merit Badges Earned
Star	6	3	6
Life	5	3	11
Eagle	10	See Note Below	21

NOTE: To complete this rank's requirement, a Scout must have all of the following: First Aid, Citizenship in the Community, Citizenship in the Nation, Citizenship in the World, Communication, Cooking, Personal Fitness, Emergency Preparedness OR Lifesaving, Environmental Science OR Sustainability, Personal Management, Swimming OR Hiking OR Cycling, Camping, and Family Life.

Continued on the next page.

There are over 130 merit badges that Scouts can work on and we have identified the merit badges and related insignia that Amateur Radio Operators can help Scouts earn:

Merit Badges	Related Insignia
· Communication · Electricity · Electronics · Emergency Preparedness · Radio · Search and Rescue.	· Language Interpreter Strip · Morse Code Interpreter Strip · Amateur Radio Operator Rating Strip

For a Scout unit (Troop) to offer Scouts a merit badge, they must have someone recognized by the local Council as a Merit Badge Counselor or MBC for that specific badge. The MBC does not need to know anything about Scouting. They simply need to be experienced and knowledgeable about the information relating to the merit badge. BSA provides merit badge requirements handbook that explain the material and the requirements. All the MBC needs to do is work with Scouts 30 minutes a week helping them understand the information, then initial their “blue card” to show they completed a requirement.

Information for Applicant

- A merit badge application can be approved only by a registered merit badge counselor.
- You must have a buddy with you (Scout buddy system) at each meeting with the merit badge counselor.
- Turn in your approved application to your unit leader. You will be awarded the merit badge emblem and certificate at a suitable occasion.

Information for Counselor

- Merit badge applications must be signed in advance by the applicant's unit leader.
- The Scout must have his buddy (Scout buddy system) in attendance at all instructional sessions.
- You may not change any requirement, but you may share your knowledge or experience that will make the counseling more interesting and valuable.

APPLICATION FOR MERIT BADGE

Name _____

Address _____

City _____

Is a registered
☐ Boy Scout ☐ Varsity Scout ☐ Explorer
 of _____ Troop, Team, Post, etc. No. _____

District _____

Council _____

_____ and is qualified to begin working for merit badge noted on the reverse side.

See _____ Signature of unit leader _____

BOY SCOUTS OF AMERICA

No. 34124 1996 Printing



7 30176 34124 8

Figure 1 – BSA Blue Card

Continued on the next page.

To become a MBC, one must do three things:

1. Fill-out and submit an adult volunteer application to the local Council office. Form is online... <http://www.scouting.org/filestore/pdf/524-501.pdf>
2. Fill-out and submit a Merit Badge Counselor application to the local Council office. Form is online... <http://www.scouting.org/filestore/pdf/34405.pdf>
3. Complete a 40-minute interactive video on Youth Protection.



Any RARS members who are interested in becoming a merit badge counselor should contact the RARS Scouting Coordinator, [Charles Good](#). Charles will not only explain the program in more detail, but assist you with completing the forms and provide you with merit badge counselor orientation training.

We Need You!

DX News, copied from the ARRL'S DX email

NAVASSA ISLAND, KP1. A large group of operators will be QRV as K1N. beginning around February 2 to 16. Activity will be on 160 to 6 meters with up to eight stations active using CW, SSB and RTTY. QSL via N2OO. <http://www.navassadx.com>

As of February 2 nd, they are on the air.

Board of Directors Meeting

Raleigh Amateur Radio Society

November 18, 2014

Present: Bob K4YXM, C.J. NC4CJ, Chuck K4HF, Tom N4TL, Joanne AK4RJ, Bill AK4BL, Murray K4MHM, Charles KM4AMT, Don WA4AVU, John AI4RT

Guest Raymond KK4OOQ

1. Call to order (CJ NC4CJ): The meeting was called to order at 7:05 pm. There was a quorum present.
2. Approval of minutes (CJ NC4CJ): The minutes of the October meeting were approved as corrected.
3. Vice President's report (Tom N4TL): Meeting topics through June, 2015 have been set. Details have been emailed to board members.
4. Treasurer's report (Greg KE4PAX): Via email Greg reported that RAS has 334 members. If anyone has questions regarding the clubs financial status, they should contact Greg KE4PAX or C.J. NC4CJ directly.
5. Secretary's report (Bob K4YXM): Bob K4YXM presented the following schedule for processing minutes.
 - a. General Meeting Minutes
 - Will be available to the president for review within five days.
 - Will be available to Exciter editor within twelve days.
 - b. Board of Directors Minutes
 - Within 2 days, a list of action items from the meeting will be sent to the Board members.

- Within 7 days, the minutes will be sent to board members for comments and feedback.
- Within 14 days, the revised minutes will be distributed. These will be the minutes presented at the next board meeting for approval.

6. Committee reports:

- a. ARRL liaison Chuck K4HF: No report.
- b. Education Director (Murray K4MHM): Murray reported that due to expected larger class sizes we will most likely need a larger classroom and additional instructors. A tech class is planned for February. A schedule for 2015 is being developed by Mike, WA4BPJ. He noted that the larger room may have a fee.
- c. Exciter Chair (Cathy KA3QPU): Send articles
- d. North Carolina QSO Party (Marty W4MY): No Report
- e. Field Day Chair (Dennis NC4DK): No Report.
- f. Food Service Chair (Joanne AK4RJ): No Report.
- g. Hospitality Team:
 - Don WA4AVU reported that he developed an electronic version of C.J.'s signature and it has been sent to her for use.
 - Bill AK4BL: Thanked Raymond KK4OOQ for his help in tracking new members and visitors to RARS meeting. Bill and Raymond reviewed the revised sign in sheets and discussed some minor changes they are evaluating.
- h. FM Repeater Chair (Karl W4CHX): Chuck K4HF gave Karl's report. Karl reported that he and Chuck De Court W3WZN are working with all deliberate speed as they take the next steps in getting our repeaters installed and operational.

- i. Net Manager (Mary KG4OQA): No report.
- j. Information Officer (Vacant):
 - Charles KM4AMT and Murray K4MHM reviewed their current interactions with the Boy Scouts to make them aware of how RARS can work with them.
 - Charles also reviewed a tri-fold brochure he is developing for use at RARS Fest and other events. . Charles also showed a sample laminated business card that we should consider.
 - Charles discussed his ongoing work with Hank K4HM in revising the RARS web site.
 - Charles noted the need for a RARS rubber stamp for pre-printed materials (i.e., ARRL). Murray made a motion to purchase two rubber stamps not to exceed a total of \$50.00. Motion was seconded and passed.
- k. Public Service Director (John AI4RT): The last two events for the year are this weekend. John is considering proposing that RARS present each person who participates in 50 public service events with a gold shirt or windbreaker. He will develop this concept more and report back in the early spring.
- l. RARS Fest: (John AI4RT and Jerry W2GLA): John said the first committee meeting November 24th at the Reading room. Chuck K4HF remarked about how the Friday night dinner was viewed favorably by vendors.
- m. W4DW/W4RNC Trustee (Jeff AC4ZO): No report
- n. RARS Webmaster (Hank K4HM): (via an emailed report) Hank reminded all the incoming officers to update their “help files” on the RARS board Admin section. His report detailed action he is taking to facilitate our move to the Deltaforce server. He summarized the work he is doing with CharlesKM4AMT to provision the “Scouting” pages. He is working on a method to dynamically display a photo album. Contact Hank if you have questions.

7. Old business: None.

8. New business:

- a. Tom N4TL made a motion that RARS donate \$100 to the USMC “Toys for Tots” program and match the first \$100 in donations from RARS members at the December meeting

9. Additional Business:

- a. Tom N4TL will get two \$25 Best Buy gift certificates for the December meeting.
- b. The President was granted the option of cancelling the December board meeting.

10. Adjournment (CJ NC4CJ): The meeting was adjourned at 9:12 pm.

2015 Hamfests & Conventions

Charlotte, Date: Mar. 13/14

Location: Concord, NC

Type: ARRL Convention

Website: [http://
www.charlottehamfest.org](http://www.charlottehamfest.org)

Blue Ridge ARS's 56th Annual Hamfest

May 2, Location: Spartanburg, SC

Website: <http://brars.org>

North Carolina State Convention

(43rd Annual RARSFest) | Apr. 4

Location: Raleigh, NC

Website: <http://www.rars.org/rarsfest>

Roanoke Division Convention

(Shelby Hamfest)

Location: Shelby, NC

Website: <http://shelbyhamfest.org>

There is more information at this website.

http://www.arrl.org/hamfests/search/Location.division_id:RK

The 2015 North Carolina QSO Party, Chairman's Report Marty Young, W4MY

With the holiday season now in the books its time to look ahead to the next big event. Here we go again! We on the committee have been working hard to grow this event, and 2015 is shaping up to be the best ever. There are two things on my bucket list for NCQP that I'd like to see in my lifetime. First is to have someone sweep all 100 NC counties. That might be easy for the Rhode Island QSO party, but pretty ambitious for North Carolina. Secondly that we surpass 500 logs submitted after one single event. We've got a ways to go, but the vision is there! And one thing here, we don't want to diminish the quality of the NCQP experience for the sake of numbers. When you guys submit a score, that's a reflection of your station and operating prowess. We look at the numbers of logs and counties worked in much the same way. It tells us on the committee how well we are doing our job making NCQP an event in which hams want to participate.

To that end we are striving to make NCQP a premiere QSO Party where radio enthusiasts of all stripes want to participate. Contesters and Rag Chewers alike. We can all get along, right? Listening to you all and tweaking the event that everyone wants to get into, and submit their log, is ever present in each committee member's mind. OK, on to the highlights and changes in 2015.

Categories remain unchanged for this year. The new Mobile Lone Ranger category was a success last year giving some of the small rovers a chance to compete where they otherwise would be overshadowed by the more serious dedicated driver teams. The Expedition (QRP) category has been a little anemic so here's a plug for you QRP'ers to get out those Altoid tin radios and show us what for!

The most frequently asked question I always get in the fall leading up to the committee meeting is what NC counties are slated for bonus status. Since we took that automatic decision away from Cherokee and Dare, this causes a bit of buzz and anticipation. This year its Person and Surry. We needed to give the expeditioners an incentive to go to these very under represented (in terms of QSO's logged) counties. What is the draw for an expeditioner to go to a bonus county to operate? Well, handing out QSO's worth 50 points [in addition to the regular points earned for a valid QSO] gives everyone a big incentive to search and work you. And, of course, working QSO's is fun! Right?

Speaking of bonus points, we have added in some new bonus stations. NI4BK (USS North Carolina Museum Battleship) and W4DW (RARS Official Bonus Station) remain unchanged for 2015, earning a participant 50 extra ticks each in their score for working them. This year we have Bill, K4CIA, in the contest as a bonus. Bill was the winner of the first NCQP in 1970 and is still a top operator today. It's our honor to have him in this capacity for 2015. Also, the committee is activating NC4QP which will be manned by the committee members ourselves. We're going to pass that call around amongst ourselves (one at a time) to get the bonus activated on Phone, CQ, and Digital. It will be in different parts of the state, on different modes, at different times. So, including stations in the bonus counties, that is six opportunities for working a bonus. As an added incentive, if you sweep the bonus and get all five, another 200 points is added on top of the 300 you already get. That's a possibility of 500 points! In many cases, 1st and 2nd between tow top operators could come down to the bonus points!

Let me see, what are some of the other things going on for www.rars.org

2015...Oh, the map is up now on the website to see which counties have ops who have announced their intentions to participate. We've got some new pictures of us on the general info page, be kind with your comments! We've also got some great statistics up on the web site under the RESULTS tab about the activity. Many have asked for this information that could help in deciding where to go to activate in lesser covered areas of the state.

So, at 1500 UTC (10am EST) on March 1,

2015 the North Carolina QSO Party will start. I hope everyone reading this is making plans to be on the air then, and surely to submit their log afterwards. The process couldn't be any simpler. There are many ways to do it. If you are a seasoned contester, just go to the website and read the rules and go. For those not so experienced, clubs are a great place to learn how to do it. We have great clubs in NC, and I haven't visited a bad one yet! Folks from all over the world will be looking for NC stations, why not get on the air and work 'em?



2KW Auxiliary Hand Key-Type
SE68A

From [Western Historic Radio Museum](http://www.westernhistoricradio.com/)

Upcoming Contests

Contest Name	Start Date*	End Date*
CQ WPX RTTY	02/14/2015	02/15/2015
ARRL DX CW	02/21/2015	02/22/2015
CQ160 SSB	02/27/2015	03/01/2015
NA QSO Party - February RTTY	02/28/2015	03/01/2015
NC QSO Party	03/1/2015	03/1/2015
ARRL DX SSB	03/07/2015	03/08/2015

*Note: Always check the official rules from the contest sponsor to find the actual dates. More information can be found at these websites.

www.arrl.org/contests, www.hornucopia.com, www.rars.org/ncqsoparty

RARS AMATEUR RADIO CLASSIFIED LISTINGS

Copied from the RARS website Classified listing

ICOM PW1 HF/6 mtr KW AMPLIFIER

Posted January 27th, 2015 by: K8SL

Contact: rolf@anderssons.us

FOR SALE ICOM PW1 HF/6mtr SOLID KW AMPLIFIER IT HAS SERIAL NUMBER 01559 AND IS THE 2nd GENERATION BUILD. THIS SOLID STATE AMP DELIVERS A FULL 1000 WATTS OF OUTPUT FROM 1.8 TO 54 MHz. IT HAS BUILT IN AUTOMATIC ANTENNA TUNER, 4 ANTENNA AUTO SWITCHING AND WILL OPERATE CONTINUOUS DUTY IN ALL COMMUNICATIONS MODES. AUTO POWER SOURCE OF 115/230 VAC. AMPLIFIER INCLUDES THE 10 mtr/MARS MOD. I BOUGHT THE AMPLIFIER 2007 AND IT WAS SENT TO ICOM 2009 FOR TESTING/CHECK UP. DUE TO THE WEIGHT, SIZE AND VALUE, I WILL HAVE IT PROFESSIONALLY PACKAGED FOR SHIPMENT.

I AM ASKING \$2,600 IF PICKED UP AND AN ADDITIONAL \$100 IF SHIPPED.

ROLF, K8SL

UV5R Handheld Dualband Radios

Posted January 25th, 2015 by: AJ4HK

Contact: aj4hk@hotmail.com

UV5R Dualband HandHelds Have 2= uv5r Radios 1= camouflage and 1= solid black, both come with original boxes , antennas, chargers, belt clips and manuals.

Also have battery elimators, speaker mics and sma to 259 cables.

Asking \$45.00 each.

919-526-2860

Dennis, AJ4HK

ICOM AT-180 1.9 thru 50 MHz 120 Watt Autotuner

Posted January 10th, 2015 by: K4HF

Contact: k4hf@arrl.net

Designed to work with coax fed antennas and for ICOM IC 706, IC 718 and IC 7000 Series Radios. This tuner needs some TLC to get it up to specs. Manual and cables included. Asking \$80.

Contact me by E Mail preferred or (919) 872-6555.

Thanks, Chuck, K4HF

For Sale: Alinco DX 70TH 160 thru 6 Meter 100 Wt. Transceiver, etc.

Posted January 10th, 2015 by: K4HF

Contact: k4hf@arrl.net

Small size, mainly designed for mobile and portable use but does well as a base radio. SSB, CW, AM & FM Modes. Mike, manual and mobile mounting items included. Excellent condition - Asking \$320.

An Astron RS35M, 13.8 vdc 35a Power Supply used with above - \$85.

An MFJ 945E 1.8 - 50 MHz Antenna Tuner for coax cable feedline, with a Cross Needle SWR/PWR Meter - \$40.

Contact me by E Mail, preferred or (919)872-6555. Thanks - Chuck

WTB: Tube Tester

Posted January 10th, 2015 by: K4NYA

Contact: kk4dhd@arrl.net

I'm in need of a tube tester for a couple of projects I've got going on. Please contact me if you have one you'd like to get rid of.

MT2000 Programming

Posted January 3rd, 2015 by: W4ZWA

Contact: w4zwa@yahoo.com

Looking for someone that can assist me in programming a VHF MT2000 HT. I have the software but can't get it to run in pure DOS on my computers.

Thank you

Zack



Hi Power!

Two 3-500Z tubes in an
Ameritron AL-82.

Picture by N4TL